

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	97	(("5859915") or ("6011855") or ("6044160") or ("6186004") or ("7106180") or ("20010007591") or ("4895519") or ("6108433") or ("6151398") or ("6606389") or ("6661285") or ("6937718") or ("20040042615") or ("20040052387") or ("20050244016") or ("20050281413") or ("20070154036") or ("20070189548") or ("7109789") or ("4434481") or ("6359990") or ("6771785") or ("6850623") or ("7146011") or ("20020126854") or ("20030091200") or ("20040264707") or ("20050008168") or ("20050084122") or ("20050089176") or ("20050226438") or ("4305141") or ("4439847") or ("4533795") or ("4870691") or ("4994772") or ("5001763") or ("5754663") or ("5815579") or ("5870484") or ("6102863") or ("6117085") or ("6142946") or ("6298140") or ("6343133") or ("6373955") or ("6967541") or ("7142688") or ("7215788") or ("20020191808")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/01/17 09:02
S2	938	((381/111 or 381/160).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 16:59
S3	1663	((381/111-117 or 381/160).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:33
S4	0	(back adj plate) same (depress\$4) same (membrane or diaphragm)same depth same bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:06

## EAST Search History

S5	94	(back adj plate) and (depress\$4) and (membrane or diaphragm)and depth and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:07
S6	93	(back adj plate) and (depress\$4) and (membrane or diaphragm)and depth and bandwidth and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:12
S7	0	S3 and S6 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 10:14
S8	0	S2 and S6 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:24
S9	0	S6 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:09
S10	103	(back adj plate) and (membrane or diaphragm)and depth and bandwidth and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:09
S11	3	S10 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:12
S12	138	(back adj plate) and (depress\$4) and (membrane or diaphragm) and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:12
S13	12	S12 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/16 17:12
S14	45	"4081626"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 09:02

## EAST Search History

S15	16	("4081626"   "4353046"   "4395652"   "4682808"   "4800983"   "4821839"   "4836329"   "4861093"   "4964486"   "5108145"   "5401921").PN. OR ("5764782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 09:23
S16	23	("3816671"   "3908098"   "4081626"   "4190818"   "4404489"   "4492825"   "4607145"   "4695986"   "4823908"   "4887248"   "4963782"   "5161128"   "5287331"   "5321332"   "5488954"   "5539705"   "5600610"   "5745438"   "5859915"   "5885129"   "6044160").PN. OR ("6775388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 09:28
S17	39	("2910539"   "3118979"   "3430146"   "3814864"   "3816671"   "3958662"   "RE28420").PN. OR ("4081626").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 10:12
S18	14	(center adj frequenc\$3) same depth same acoustic same transducer same bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/01/17 11:31
S19	5	S18 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 10:14
S20	1019	(center adj frequenc\$3) and depth\$1 and acoustic and transducer and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/01/17 11:20
S21	93	(back adj plate) and (depress\$4) and (membrane or diaphragm)and depth and bandwidth and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:24
S22	0	((381/77).ccls.) and S21 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:24
S23	0	((381/77).ccls.) and S20 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:21

## EAST Search History

S24	1	((381/111-117).ccls.) and S20 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:36
S25	1007	(center adj frequenc\$3) same depth	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/01/17 11:35
S26	0	((381/77).ccls.) and S23 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:32
S27	0	((381/77).ccls.) and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:34
S28	1	((381/111-117).ccls.) and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:32
S29	1882	((381/77 or 381/82 or 381/386).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:13
S30	1557	((381/361 or 381/82 or 381/386).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:34
S31	1377	((381/174 or 381/191 or 381/113).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:34
S32	0	S29 and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:35
S33	0	S30 and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:34

## EAST Search History

S34	0	S31 and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:35
S35	5845	(center adj frequenc\$3) and depth\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/01/17 11:35
S36	0	S29 and S35 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:35
S37	0	S30 and S35 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:13
S38	0	S31 and S35 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:35
S39	1	((381/111-117).ccls.) and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 11:36
S40	9	((FRANK) near2 (POMPEI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/17 11:48
S41	748	((367/118-119 or 367/189).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:13
S42	7	S41 and S35 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:14
S43	0	((381/160).ccls.) and S20 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:22

## EAST Search History

S44	0	((381/160).ccls.) and S25 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:23
S45	1412475	(audio same configur\$4 same nonlinearly same modulator same distorted same transducer same array same project same convert\$3 smae selected).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:27
S46	1412475	(audio same configur\$4 same nonlinearly same modulator same distorted same transducer same array same project same convert\$3 smae selected).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:28
S47	1412475	(audio same configur\$4 same nonlinearly same modulator same distorted same transducer same array same project same convert\$3 smae selected) .clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:29
S48	1412475	(audio same configur\$4 same nonlinearly same modulator same distorted same transducer same array same project same convert\$3 smae selected).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:32
S49	1412475	(audio same configured same nonlinearly same modulator same distorted same transducer same array same project same convert smae selected).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:33
S50	0	(audio same configured same nonlinearly same modulator same distorted same transducer same array same project same convert same selected).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:33
S51	0	(audio same configured same nonlinearly same modulator same distorted same transducer same array same project same convert same selected).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:33
S52	0	(audio same configured same nonlinearly same modulator same distorted same transducer same array same project same convert same selected) .clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/17 12:33